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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/728,697	12/05/2003	Jason Antonelli	MS#306114.01 (5093)	9983
38779 7590 12/11/2008 SENNIGER POWERS LLP (MSFI) 100 NORTH BROADWAY 17TH FLOOR ST. LOUIS, MO 63102				
EXAMINER AUGUSTINE, NICHOLAS				
ART UNIT 2179		PAPER NUMBER		
NOTIFICATION DATE 12/11/2008		DELIVERY MODE ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

uspatents@senniger.com

Office Action Summary

Application No.

10/728,697

Applicant(s)

ANTONELLI ET AL.

Examiner

NICHOLAS AUGUSTINE

Art Unit

2179

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 16 September 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 2, 5-14, 17, 20-22, 25, 27-36 and 39 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-2, 5-14, 17, 20-22, 25, 27-36 and 39 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

- A. This action is in response to the following communications: Amendment filed: 09/16/2008. This action is made **Final**.
- B. Claims 1-2, 5-14, 17, 20-22, 25, 27-36 and 39 remain pending.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-2, 5-14, 17, 20-22, 25, 27-36 and 39 are rejected under 35 U.S.C. 102(e) as being anticipated by Bryan et al. (US 7,133,869), herein referred to as "Bryan".

As to claims 1 and 13, Bryan teaches a method of generating notifications in a notifications system and corresponding computer readable media (col.6, lines 1-8; col. 3, lines 7-10), said notifications system being configured to provide notifications to subscribers (col. 2, lines 31-37) via a data communication network (fig. 2, labels 100, 200, 202, 204, 208, 210, 212; col. 6, lines 4-22), said notifications containing content provided by one or more content providers (col. 2, lines 46-47; fig. 12; col. 10, line 67; col. 11, lines 1-14), said method comprising: receiving a parameter-driven template (fig.

1, labels 116; col.3, lines 7-10; col. 5, lines 42-55) from a content provider, said template relating to a category specified by the content provider,(fig. 1, label 138; col. 5, lines 55-58), said template containing one or more parameters specified by the content provider, said parameters defining a plurality of events specified by the content provider and relating to the specified category, each of said events comprising a recurring event specified by the content provider (col.8, lines 7-43; col.9, lines 26-53; col.11, line 5). (fig. 1, labels 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138; col. 5, lines 47-55; col. 10, lines 39-43), said parameters relating a subscription for notifications and specifying a predefined scheduled time for the notifications to occur (col. 5, lines 59-67; col.10, lines 14-34); enabling a notifications application based on the received template (fig. 1, label 102; col. 5, lines 2-9), said notifications application mapping a recurring event (fig. 3-6; col. 9, lines 37-41, that the ticket problem is recurring event) to one or more subscribers as a function of the parameters specified by the content provider (col. 4, lines 65-67; col. 5, lines 1-9) and executing the notifications application on a recurring basis to generate a notification in accordance with the predefined scheduled time specified by the received parameter-driven template parameters, wherein the notification is generated based on matching the latest recurring event of the specified category with subscribers of the specified category, and wherein the generated notification is delivered to the subscribers of the specified category on a recurring basis in accordance with the predefined scheduled time defined by the received parameter-driven template parameters (figure 9, col. 4, lines 65-67; col. 5, lines 1-9; col.10, lines 14-34).

As claim 2, Bryan further teaches providing the template to the content provider for completion by the content provider (fig. 6, labels 610-616, "Submit" button; col. 9, lines 26-29, that by updating the knowledge switch 100 by submitting the template, you are enabling the content provider to complete the cycle by delivering the notifications).

As claim 5, Bryan further teaches one of the parameters specified by the content provider relates to delivery of the notifications at a predetermined time of day (fig. 9, label 132; col. 10, lines 21-32, that the schedule template provides parameters specifying when (time) the notification will be delivered).

As claim 6, Bryan further teaches the method of claim 5, further comprising matching a most recent instance of the recurring event to the subscription to generate the notifications (fig. 3-6; col. 9, lines 37-41, that the ticket problem is recurring event; col. 4, lines 65-67; col. 5, lines 1-9) for delivery at the predetermined time of day (fig. 9, label 132; col. 10, lines 21-32, that the schedule template provides parameters specifying when (time) the notification will be delivered).

As claim 7, Bryan further teaches one of the parameters specified by the content provider relates to delivery of the notifications upon occurrence of the recurring event

(col. 9, lines 37-41, the ticket problem is the recurring event, which triggers the "be alert" message).

As claim 8, Bryan further teaches matching the recurring event to the subscription to generate the notifications for broadcast delivery upon occurrence of the recurring event (col. 9, lines 33-41, the ticket problem is the recurring event, which triggers the broadcast of the "be alert" message).

As claim 9, Bryan further teaches providing a user interface for the subscribers to manage the subscription (fig. 1, label 114; col. 5, lines 36-42).

As claim 10, Bryan further teaches the method of claim 1, wherein the notifications relate to one or more of following topics: horoscope, lottery, and news (fig. 1, label 116, col. 5, 42-48, that the news template allows the user to select news notifications).

As claim 11, Bryan further teaches defining the template based on common features of a plurality of notifications applications (fig. 1, labels 116-138; col. 5, lines 47-55; col. 10, lines 39-43; col. 7, lines 44-47, that as shown in figure 1, the templates contain functional logic).

As claim 12, Bryan further teaches enabling the notifications application based on the received template includes creating an application definition file that describes the notifications application (fig. label 100; col. 4, lines 62-67; col. 5, lines 1-9; fig. 2, labels 100, 200, 202, 204, 208, 210, 212; col. 6, lines 4-22).

As claim 14, Bryan teach a data structure defining an application for use in a notifications system (fig. 11, label 1104; col. 10, lines 53-60; fig. 12, label 1200; col. 10, line 67; col. 11, lines 1-9), said notifications System being configured to execute the defined application for providing notifications to subscribers (col. 2, lines 31-37) via a data communication network (fig. 2, labels 100, 200, 202, 204, 208, 210, 212; col. 6, lines 4-22), said notifications containing content provided by one or more content providers (col. 2, lines 46-47; fig. 12; col. 10, line 67; col. 11, lines 1-14), said data structure comprising: a user interface template configured to contain information for defining a user interface corresponding to the application for managing the subscription of the user, said interface allowing the user to select a category, wherein a subscription is generated for the user from the user interface template, said subscription indicating that the user wants to receive notifications related to the selected category and allowing the user to specify a predefined scheduled time for the notifications to occur (col.10, lines 14-34; figure 9); a scenario template configured to contain information for defining the application (fig. 1, labels 116; col. 3, lines 7-10; col. 5, lines 42-55), said scenario

template having one or more parameters specified by the content provider (fig. 1, labels 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138; col. 5, lines 47-55; col. 10, lines 39-43) and relating to a subscription for notifications (col. 5, lines 59-67), wherein the scenario template includes a category component defining a plurality of events specified by the content provider and relating to a category specified by the content provider, for which the notifications are to be generated, each of said events relating to a recurring event specified by the content provider (col.8, lines 7-43; col.9, lines 26-53; col.11, line 5); a notification generation component responsive to an event feed for mapping a recurring event (fig. 3-6; col. 9, lines 37-41, the ticket problem is the recurring event, which triggers the "be alert" message) to one or more subscribers as a function of the parameters specified by the content provider and as a function of the subscription of the subscriber, said notification generation component generating a notification for recurring event in accordance with the predefined scheduled time specified by the received parameter-driven template parameters, wherein the notification is generated based on matching the latest recurring event of the specified category with subscribers of the specified category (col. 4, lines 65-67; col. 5, lines 1-9); and a delivery component for routing the notification to the subscribers of the specified category relate to the event, wherein the notification is routed to the subscribers of the specified category on a recurring basis in accordance with the predefined scheduled time defined by the received parameter- driven template parameters (col. 4, lines 65-67; col.5, lines 1-9; (fig. 1, labels 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138; col. 5, lines 47-58) (note the analysis of claim 1 above).

As claim 17, Bryan further teaches one of the parameters specified by the content provider relates to delivery of the notifications at a predetermined time of day (fig. 9, label 132; col. 10, lines 21-32, that the schedule template provides parameters specifying when (time) the notification will be delivered).

As claim 20, Bryan further teaches the notifications relate to one or more of following topics: horoscope, lottery, and news (fig. 1, label 116; col. 5, 42-48, that the news template allows the user to select news notifications).

As claim 21, Bryan further teaches the scenario template is based on common features of a plurality of notifications applications (fig. 1, labels 116-138; col. 5, lines 47-55; col. 10, lines 39-43; col. 7, lines 44-47, that as shown in figure 1, the templates contain functional logic).

As claim 22, Bryan teaches a system configured for generating and delivering notifications to subscribers (col. 2, lines 31-37; col. 3, lines 7-10), via a data communication network (fig. 2, labels 100, 200, 202,204, 208,210, 212; col. 6, lines 4-22), said notifications containing content provided by one or more content providers (fig. 1, labels 116, 138; col. 3, lines 7-10; col. 5, lines 42-58), said system comprising:

a computing device (fig. 2; col. 12, lines 56-58) coupled to a data communication network (fig. 2, labels 100, 200, 202,204, 208,210, 212; col. 6, lines 4-22) and configured to receive; a subscription from a subscriber specifying a category for which the subscriber wants to receive notification of the events relating to the specified category (fig. 9, label 132; col. 10, lines 21-32, that to establish a time when the notifications will be delivered, based on the template parameter); a parameter-driven template from a content provider via the data communication network (fig. 1, label 138, fig. 2, labels 100, 200, 202,204, 208,210, 212; col. 5, lines 55-58; col. 6, lines 4-22), said template containing information provided by the content provider and relating to a subscription for notifications (fig. 1, labels 116; 138; cot. 3, lines 7-10; col. 5, lines 42-58), said template relating to a category specified by the content provider, said template containing one or more parameters specified by the content provider, said parameters defining a plurality of events specified by the content provider and relating to the category, each of said event relating to a recurring event specified by the content provider, said parameters relating to a subscription for notifications and specifying a predefined scheduled time for notifications to occur (col.8, lines 7-43; col.9, lines 26-53; col.11, line 5); to enable a notifications application based on the template, said notifications application mapping a recurring event (fig. 3-6; col. 9, lines 37-41, that the ticket problem is recurring event) to one or more subscribers (col. 4, lines 65-67; col. 5, lines 1-9) as a function of one or more parameters specified by the content provider on a recurring basis in accordance with the predefined scheduled time defined by the parameter-driven template parameters (col. 4, lines 65-67; col. 5, lines 1-9) wherein the

generated notification is delivered to the subscribers of the specified categories on a recurring basis in accordance with the predefined scheduled time specified by the received parameter-driven template parameters wherein the notification is generated based on matching the latest recurring event of the specified category with subscribers of the specified category, and wherein the generated notification is delivered to the subscribers of the specified category on a recurring basis in accordance with the predefined scheduled time defined by the received parameter-driven template parameters(fig. 9, label 132; col. 10, lines 21-32, that to establish a time when the notifications will be delivered, based on the template parameter; col. 4, lines 65-67; col. 5, lines 1-9; fig. 1, labels 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138; col. 5, lines 47-58; col. 9, lines 37-41, the ticket problem is the recurring event, which triggers the "be alert" message.

As claim 25, Bryan further teaches one of the parameters specified by the content provider relates to delivery of the notifications at a predetermined time of day (fig. 9, label 132; col. 10, lines 21-32, that the schedule template provides parameters specifying when (time) the notification will be delivered).

As claim 27, Bryan further teaches the computing device is further configured to receive another parameter-driven template (fig. 1, labels 116; col. 3, lines 7-10; col. 5, lines 42-55) from the content provider (fig. 1, label 138; col. 5, lines 55-58) via the data

communication network (fig. 2, labels 100, 200, 202, 204, 208,210, 212; col. 6, lines 4-22), said other template containing information provided by the content provider (fig. 1, labels 116; col. 3, lines 7-10; col. 5, lines 42-55) and defining a user interface corresponding to the application for managing the subscription (fig. 1, label 114; col. 5, lines 36-42).

As claim 28, Bryan further teaches the notifications relate to one or more of following topics: horoscope, lottery, and news (fig. 1, label 116, and col. 5, 42-48, that the news template allows the user to select news notifications).

As claim 29, Bryan further teaches the template is based on common features of a plurality of notifications applications (fig. 1, labels 116-138; col. 5, lines 47-55; col. 10, lines 39-43; col. 7, lines 44-47, that as shown in figure 1, the templates contain functional logic).

As claim 30, Bryan further teaches the computer-readable medium further stores computer-executable instructions to be executed on the computing device to create an application definition file that describes the notifications application (fig. label 100; col. 4, lines 62-67; col. 5, lines 1-9; fig. 2, labels 100, 200, 202,204, 208,210, 212; col. 6, lines 4-22).

As claim 31, Bryan further teaches comprising a subscription store configured to store notification offerings described by the application definition file (fig. label 100; col. 4, lines 62-67; col. 5, lines 1-9; fig. 2, labels 100, 200, 202,204, 208,210, 212; col. 6, lines 4-22).

As claim 32, Bryan further teaches the system of claim 31, wherein the computer-readable medium further stores computer-executable instructions to be executed on the computing device to validate incoming subscription management requests and commit the requests to the subscription store (col.6, lines 1-22).

As claim 33, Bryan further teaches the computer-readable medium further stores computer-executable instructions to be executed on the computing device to generate the notification based on matching external events with corresponding subscriptions (col. 9, lines 33-41, the ticket problem is the recurring event, which triggers the broadcast of the "be alert" message).

As claim 34, the rejection is as same as the rejection of claim 13 above.

As claim 35, Bryan further the template is predefined and re-usable (fig. 1, labels 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138; col. 5, lines 47-55; col. 10, lines 39-43).

As claim 36, Bryan teaches a notification system for generating and delivering notifications to subscribers (col. 2, lines 31-37; col. 3, lines 7-10), said notifications containing content provided by one or more content providers (fig. 1, labels 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138; col. 5, lines 47-55, 59-67; col. 10, lines 39-43), said system comprising: a computing device (col. 12, lines 56-58) coupled to a data communication network (fig. 2, labels 100, 200, 202, 204, 208, 210, 212; col. 6, lines 4-22), said computing device (col. 12, lines 56-58) being configured to receive a parameter-driven template (fig. 1, labels 116; col. 3, lines 7-10; col. 5, lines 42-55) from a content provider (fig. 1, label 138; col. 5, lines 55-58) via the data communication network (fig. 2, labels 100, 200, 202, 204, 208, 210, 212; col. 6, lines 4-22), said template containing information provided by the content provider and relating to a subscription for notifications (fig. 1, labels 116; 138; col. 3, lines 7-10; col. 5, lines 42-58) said template relating to a category specified by the content provider, said template containing one or more parameters specified by the content provider, said parameters defining a plurality of events specified by the content provider and relating to the category, each of said event relating to a recurring event specified by the content provider said parameters relating to a subscription for notifications and defining a predefined scheduled time for the notifications to occur (col. 9, lines 37-41, the ticket problem is the recurring event,

which triggers the "be alert" message; col.8, lines 7-43; col.9, lines 26-53; col.11, line 5); a subscription store (fig. 1, label 110; col. 5, line5) associated with the computing device, said subscription store being configured to store one or more notification offerings (fig. 1, label 110; col. 5, line 5, that contents is the notification offering) described by an application definition file, said application definition file being generated from the received a parameter-driven template, said application definition file including the predefined scheduled time for the notifications to occur (fig. label 100; col. 4, lines 62-67; col. 5, lines 1-9; fig. 2, labels 100, 200, 202, 204,208,210, 212; col. 6, lines 4-22); to enable a notifications application to execute on a recurring basis according to the predefined scheduled time for the notifications occur included in the application definition file (fig. label 100; col. 4, lines 62-67; col. 5, lines 1-9; fig. 2, labels 100, 200, 202, 204, 208,210, 212; col. 6, lines 4-22), said notifications application delivering the notification to the subscribers in response to an recurring basis in accordance with the predefined scheduled time included in the application definition file wherein the notifications application maps the latest recurring event to the specified category to one or more subscribers as a function of the parameters specified by the content provider (col. 4, lines 65-67; col. 5, lines 1-9 ; fig. 1, labels 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138; col. 5, lines 47-58; (fig. 9, label 132; col. 10, lines 21-2, that to establish a time when the notifications will be delivered, based on the template parameter; col. 9, lines 37-41, the ticket problem is the recurring event, which triggers the "be alert" message).

As claim 39, Bryan further teaches one of the parameters specified by the content provider relates to delivery of the notifications at a predetermined time of day (fig. 9, label 132; col. 10, lines 21-32, that the schedule template provides parameters specifying when (time) the notification will be delivered).

(Note :) It is noted that any citation to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. In re Heck, 699 F.2d 1331, 1332-33, 216 USPQ 1038, 1039 (Fed. Cir. 1983) (quoting In re Lemelson, 397 F.2d 1006, 1009, 158 USPQ 275, 277 (CCPA 1968)).

Response to Arguments

Applicant's arguments filed 09/16/2008 have been fully considered but they are not persuasive.

After careful review of the amended claims (given the broadest interpretation) and the remarks provided by the Applicant along with the cited reference(s) the Examiner does not agree with the Applicant for at least the reasons provided below:

A1. Applicant argues that Bryan does not each executing the notifications application on a recurring basis to generate a notification... wherein the notification is generated based on matching the latest recurring event of the specified category with subscribers of the specified category or in short recurring events. Also that Bryan does not teach a template specifying a predefined schedule time of notifications to occur.

R1. Examiner does not agree, Bryan shows event templates defined by users and administrators one example given is a stocks template another is a news template

and another called weather template. Bryan explains that event templates when an event happen an alert/ notification is sent to a recipient(s). Events based on stocks, news and/ or weather are events that happen daily/ hourly and thus are recurring events. Further Bryan goes on explaining a schedule template which provides notifications on events daily and thus are "recurring" events, since events are happening more than once and on a schedule (daily). Also explained are predefined times at which a certain user can be contacted in a desired location, (e.g. home location, work location; each of which contain different means of contacting (phone numbers, emails, etc...)) Bryan also explains that these event templates are available to a plurality of groups of users such that an administrator can specify which events goes to what category (FBI, gate agents, etc...) and users are subscribed to a category are notified of events meant for that category that they belong to. Thus it is apparent that Bryan teaches that of executing the notifications application on a recurring basis to generate a notification... wherein the notification is generated based on matching the latest recurring event of the specified category with subscribers of the specified category... a template specifying a predefined schedule time of notifications to occur. (column 5, lines 36-67; column 7, lines 44-67; column 8, lines 1-6; column 9, lines 26-67; column 10, lines 1-60).

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Inquires

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas Augustine whose telephone number is 571-270-1056. The examiner can normally be reached on Monday - Friday: 7:30- 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on 571-272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Nicholas Augustine/
Examiner
Art Unit 2179
December 4, 2008

/Ba Huynh/
Primary Examiner, Art Unit 2179